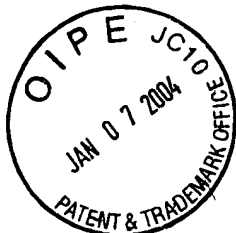


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2825

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In re Application of:

Williams et al.

Serial No.: 09/590,646

Filed: June 8, 2000

**For:** REINFORCED, SELF-ALIGNING  
CONDUCTIVE STRUCTURES FOR  
SEMICONDUCTOR DEVICE  
COMPONENTS AND METHODS FOR  
FABRICATING SAME

Examiner: Unknown

Group Art Unit: 2825

Attorney Docket No.: 2269-4210US  
(99-0173.00/US)

## CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 5, 2004  
Date

*Rachael M. Harris*  
Signature

Rachael M. Harris  
Name (Type/Print)

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
6,251,488	06/26/01	Miller et al.
6,259,962	07/10/01	Gothait
6,268,584	07/31/01	Keicher et al.
6,391,251	05/21/02	Keicher et al.
6,506,671	01/14/03	Grigg
6,524,346	02/25/03	Farnworth
6,525,408	02/25/03	Akram et al.
6,548,897	04/15/03	Grigg
6,569,753	05/27/03	Akram et al.

Other Documents

U.S. Patent Application Publication 2002/0105074 A1 to Akram et al., dated August 8, 2002

U.S. Patent Application Publication 2002/0171177 A1 to Kritchman et al., dated November 21, 2002

U.S. Patent Application Publication 2003/0043360 A1 to Farnworth, dated March 6, 2003

U.S. Patent Application Publication 2003/0098499 A1 to Akram et al., dated May 29, 2003

U.S. Patent Application Publication 2003/0102566 A1 to Farnworth, dated June 5, 2003

U.S. Patent Application Publication 2003/0139030 A1 to Grigg, dated July 24, 2003

U.S. Patent Application Publication 2003/0151167 A1 to Kritchman et al., dated August 14, 2003

U.S. Patent Application Publication 2003/0173665 A1 to Grigg, dated September 18, 2003

U.S. Patent Application Publication 2003/0176016 A1 to Grigg, dated September 18, 2003

U.S. Patent Application Publication 2003/0203612 A1 to Akram et al., dated October 30, 2003

U.S. Patent Application Publication 2003/0207213 A1 to Farnworth, dated November 6, 2003

MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22

MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16

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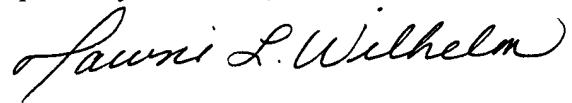
Webpage, Objet Prototyping the Future, "How it Works", 2 pages

U.S. Patent Application No. 10/672,098, filed September 26, 2003, entitled "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits.

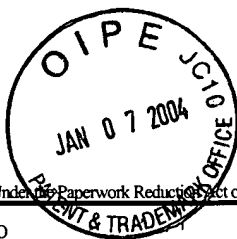
Respectfully submitted,



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Date: January 5, 2004  
TLW/sls:rmh

Enclosures: Form PTO-1449 or PTO/SB/08  
Copy of documents cited



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STATEMENT BY APPLICANT**

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Sheet 1 of 3

**Complete if Known**

Application Number	09/590,646
Filing Date	June 8, 2000
First Named Inventor	Williams et al.
Group Art Unit	2825
Examiner Name	Unknown
Attorney Docket Number	4210US (99-0173.00/US)

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-6,251,488	06/26/01	Miller et al.	
		US- 6,259,962	07/10/01	Gothait	
		US- 6,268,584	07/31/01	Keicher et al.	
		US- 6,391,251	05/21/02	Keicher et al.	
		US- 6,506,671	01/14/03	Grigg	
		US- 6,524,346	02/25/03	Farnworth	
		US- 6,525,408	02/25/03	Akram et al.	
		US- 6,548,897	04/15/03	Grigg	
		US- 6,569,753	05/27/03	Akram et al.	
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**FOREIGN PATENT DOCUMENTS**

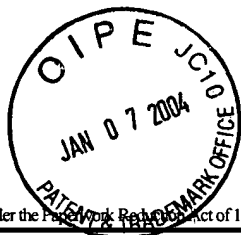
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**Complete if Known**

Application Number	09/590,646
Filing Date	June 8, 2000
First Named Inventor	Williams et al.
Group Art Unit	2825
Examiner Name	Unknown
Attorney Docket Number	42101US (99-0173, 00/1US)

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

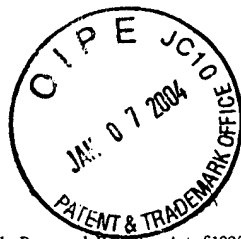
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		U.S. Patent Application Publication 2002/0105074 A1 to Akram et al., dated August 8, 2002	
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		U.S. Patent Application Publication 2003/0173665 A1 to Grigg, dated September 18, 2003	
		U.S. Patent Application Publication 2003/0176016 A1 to Grigg, dated September 18, 2003	
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Group Art Unit	2825
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Attorney Docket Number	4210US (99-0173 00/1 IS)

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22	
		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16	
		Webpage, Objet Prototyping the Future, "Objet FullCure700 Series", 1 page	
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		U.S. Patent Application No. 10/672,098, filed September 26, 2003, entitled "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth	

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